

Title (en)
SCRAP DISASSEMBLING APPARATUS

Title (de)
SCHROTTZERLEGUNGSVORRICHTUNG

Title (fr)
APPAREIL DE DÉMONTAGE DE FERRAILLE

Publication
EP 1759777 A1 20070307 (EN)

Application
EP 05745734 A 20050601

Priority
• JP 2005010056 W 20050601
• JP 2004163686 A 20040601

Abstract (en)
The present invention provides a multi-purpose scrapping machine suitable for the scrapping work for not only discarded automobiles but also various kinds of wastes such as construction wastes and piping wastes. The scrapping machine is equipped with a hydraulic-actuated arm/boom assembly mounted on an automotive vehicle, a nibbling pincher for scrapping work mounted to the tip of the arm/boom assembly, and a pair of right and left power-driven clamp arms mounted at the front or rear of the vehicle. The scrapping machine comprises a peeling tool to clamp a covered electric wire to be scrapped from the periphery thereof by the closing motion of the clamp arms and to slash and peel off the outer sheath of the wire in the state of clamping the wire in accordance with the drawing operation of the core of the wire with the nibbling pincher.

IPC 8 full level
B09B 5/00 (2006.01); **B26D 3/00** (2006.01); **B26D 3/28** (2006.01); **E02F 3/96** (2006.01); **E04G 23/08** (2006.01); **H01B 15/00** (2006.01); **B62D 67/00** (2006.01)

CPC (source: EP KR US)
B09B 5/00 (2013.01 - KR); **B26D 3/001** (2013.01 - EP KR US); **B26D 3/28** (2013.01 - KR); **E02F 3/965** (2013.01 - EP KR US); **E04G 23/082** (2013.01 - EP US); **H01B 15/006** (2013.01 - EP KR US); **B26D 3/28** (2013.01 - EP US); **Y02W 30/82** (2015.05 - EP KR US); **Y10T 83/869** (2015.04 - EP US)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 1759777 A1 20070307; **EP 1759777 A4 20140521**; CN 101014424 A 20070808; CN 101014424 B 20101110; EP 2796215 A1 20141029; JP 4726139 B2 20110720; JP WO2005118169 A1 20080403; KR 100765155 B1 20071015; KR 20070028391 A 20070312; US 2008087154 A1 20080417; US 7810748 B2 20101012; WO 2005118169 A1 20051215

DOCDB simple family (application)
EP 05745734 A 20050601; CN 200580024749 A 20050601; EP 14177614 A 20050601; JP 2005010056 W 20050601; JP 2006514114 A 20050601; KR 20067025128 A 20061129; US 62840705 A 20050601